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## PART III—SECTION 2

Notifications and Notices issued by the Patent Office relating to Patents and Designs

### THE PATENT OFFICE

#### Patents and Designs

Calcutta, the 6th June 1964

#### Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

16th May 1964

93786. Dr. O. Angleitner. Machine for breaking coconut shells.
93787. Dr. O. Angleitner. Process and machine for extracting fibers from coconut shells.
93788. Ernest Scragg & Sons Limited. Improvements in or relating to textile apparatus. (18th May 1963).
93789. Markem Machine Company. Method for printing and apparatus therefor.
93790. AB Tetra. A packing laminate and a method of manufacturing a tube thereof.
93791. Polymer Corporation Limited. Polymers of improved ozone resistance. (29th May 1963).
93792. Dunlop Rubber Company Limited. Improvements in or relating to pneumatic tyres. (25th May 1963).
93793. Imperial Chemical Industries Limited. Degreasing, drying and cleaning articles. (27th May 1963).
93794. W. R. Grace & Co. Product and process.
93795. The British Iron and Steel Research Association. Improvements in or relating to the formation of metal coatings. [Divisional date 16th April 1963].
93796. Inventa A. G. Fur Forschung Und Patentverwertung. Process for the preparation of a novel composition containing-amino capronic acid.
93797. S. Sundaram. The processing of an improved cattle and poultry feed by using cassava (tapioca) starch waste.

18th May 1964

93798. D. M. Bhambhani. Improvements in or relating to multiple socket for plugs-cum-lamp holder and the like.
93799. The Director, Indian Institute of Technology, Bombay. The process for the regeneration of soda chemicals from bamboo black liquor.
93800. Molins Machine Company Limited. Improvements in monitoring devices. (23rd May 1963).

93801. International Standard Electric Corporation and H. Brogden. Process for the casting and heat treating aluminium alloy and resulting products.
93802. Merck & Co., Inc. Antifungal compositions and methods for their use.
93803. AB Tetra. A packing laminate and a method of manufacturing a tube thereof.
93804. AB Tetra Pak. A method of vitaminizing albuminous food products.
93805. Union Carbide Corporation. Aromatic polyamines and derivatives thereof.
93806. K. A. Oesterheld. Device for corrugating sheets of fibrous cement.
93807. Esso Research and Engineering Company. Process and apparatus for refining lubricating oil fractions.
93808. Svenska Rotor Maskiner Aktiebolag. Screw rotor machine.
93809. The English Electric Company Limited. Improvements in or relating to electrical fuses. (20th May 1963).
93810. British Nylon Spinners Limited. Improvements in or relating to the formation of continuous filamentary tows. (27th June 1963).
93811. W. R. Grace & Co. Ethylene propylene copolymer process.
93812. Revlon, Inc. Improvements relating to compositions.
93813. Clark Equipment Company. Apparatus for handling freight containers.
93814. Continental Oil Company. Vapor phase chromatography system.
93815. Ethicon, Inc. Process.
93816. American Cyanamid Company. Sulfur containing organophosphate.
93817. Dana Corporation. Improvements in or relating to a process for assembling a sealing means and a cup-shaped bearing race on a trunnion, and seal produced thereby.
93818. V. D. Roosa and Standard Screw Company. Fuel injection pump control system.
93819. V. J. Esposito, Jr. Molded bottle caps with integral valve structure.
93820. Vsesojuzny Nauchno-Issledovatel'sky Institute Antibiotikov. Method of producing d-cycloserine from culture fluid.
93821. L. N. Suntwal. Protecting device for the chimney or exhaust pipe of an internal combustion engine.

93822. L. N. Sunthal. Means for improving draught in furnaces.
93823. Societa Farmaceutici Italia. Process for the preparation of ergotamine and ergotamine in submerged culture and under aerobic conditions.
93824. Automatic Telephone & Electric Co. Ltd. Improvements in or relating to automatic telephone systems. (23rd December 1961). [Divisional date 10th December 1962].  
19th May 1964
93825. Biswa Ranjan Ray. Condensed myrabalan tannins.
93826. (Mrs.) Mary Davidson. Game of cricket at home.
93827. Associated Electrical Industries Limited. Copolymers of polyethylene in insulating materials. (28th May 1963).
93828. Karamchand Premchand Private Limited. A process for the preparation of a benzothiadiazine derivative.
93829. P. K. Kulkarni. Improvement in or relating to bow thrusters for manoeuvring of ship.
93830. General Electric Company. Electric current sensing arrangement.
93831. E. I. du Pont de Nemours and Company. Methyl methacrylate polymerization.
93832. Monsanto Chemical Company. Inorganic phosphate compositions useful in the preparation of heat-dried detergents. [Divisional date 28th August 1962].
93833. Birfield Engineering Limited. Improvements in or relating to apparatus for amalgamating fibres. (31st May 1963).
93834. E. J. Longyear Company. Core barrel.
93835. Merck & Co. Inc. Processes for making derivatives of indolyl acids and new indolyl acids.
93836. Merck & Co., Inc. Processes for making anhydrides of indolyl acids and the new anhydrides.
93837. Pilkington Brothers Limited. Improvements in or relating to the manufacture of flat glass. (20th May 1963).
93838. C. F. Boehringer & Soehne GmbH. New nitro-furyl derivatives. (19th March 1964).
93839. Rheinmetall G.m.b.H. Improvements in or relating to trigger devices for the multi-part breech mechanisms of automatic firearms.
93840. Institut Francais Du Petrole, Des Carburants Et Lubrifiants. Process for the conversion of a residual petroleum oil into gas oil.
93841. Industrie-Compagnie Kleinewefers Konstruktions-Und Handelsgesellschaft mbH. Improvements in and relating to butterfly valves.
93842. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Novel odorants and process for the manufacture thereof.
93843. Ciba Limited. Manufacture of new corrine compounds.
93844. Ciba Limited. Process for the manufacture of vinylogous amidines.
93845. Dr. A. Wander S. A. 11-basis substituted dibenz [b, f] [1, 4] oxazepines.
93846. Imodco International Limited. Improvements in pine swivels.
93847. Montecatini Societa Generale Per L'Industria Mineraria E Chimica and G. D. Varda. A special methods of starting multicell electrolytic furnaces for aluminium production.
93848. Smith Kline & French Laboratories. Improvements in or relating to processes for preparing corticoid compounds.
93849. Castrol Limited. Lubricating compositions and antioxidants therefor. (24th May 1963).
93850. The English Electric Company Limited. Improvements in electric circuit arrangements. (23rd May 1963).
93851. Imperial Chemical Industries Limited. Process for the manufacture of non-dust-like aggregates. (31st May 1963).
93852. H. S. Rudzki. Process for the production of isophthalic and terephthalic acids. (20th May 1963).
93853. The Cotton Silk & Man-Made Fibres Research Association. Improvements in and relating to the reduction and removal of dust at carding engines. (23rd May 1963).
93854. British Insulated Callender's Cables Limited. Apparatus for winding flexible material. (24th May 1963).
93855. Grinnell Corporation. Humidifying system.
93856. Aktiebolaget Bofors. Radar system for target tracking.
93857. Sperry Rand Corporation. Magnetic memory.  
20th May 1964
93858. Alvin Coredrills (Private) Limited. Reciprocating duplex grout pump.
93859. Merck & Co., Inc. New steroid compounds and processes.
93860. N. V. Philips Gloeilampenfabrieken. Improvements in and relating to pulse signal transmission systems.
93861. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to methods of manufacturing anodes for electrolytic capacitors.
93862. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to methods of manufacturing solid electrolytic capacitors.  
21st May 1964
93863. F. Shibata. Electric circuits including control circuits for motors.
93864. Schering Aktiengesellschaft. Succinic acid iodamide derivatives and improvements in and relating to X-ray contrast media. (2nd December 1963).
93865. S. Modi. Weaving heddle for electrical warp stop motions.
93866. A/S Teknova. A shut-off and control valve, especially for liquefied gas containers.
93867. Torrance and Sons Limited. Method of and apparatus for mixing, grinding, dispersing or dissolving materials comprising solid particles in a liquid. (23rd May 1963).
93868. Girling Limited. Brake control system. (5th June 1963).
93869. Rhone-Poulenc S. A. Pyrrole derivatives.
93870. Allied Chemical Corporation. Improved urethane coating compositions.
93871. Mills Scaffold Company Limited. Improvements in or relating to scaffolding clamps. (6th June 1963).
93872. Union Carbide Corporation. Cryosurgical fluid control system. [Addition to No. 87323].
93873. Union Carbide Corporation, and The National Smelting Company Limited. Improvements in or relating to sulphur infusers. (6th June 1963).
93874. Standard Telephones and Cables Limited. Fault location arrangement.
93875. Standard Telephones and Cables Limited. Telecommunication switching system.
93876. Associated Electrical Industries Limited. Improvements in and relating to electric transformers. (22nd May 1963).
93877. Pneuways Development Company (Private) Limited. Improvements relating to wheeled vehicles and bogies therefor.
93878. Etablissements Merlin & Gerin Societe Anonyme. Switching cell comprising a withdrawal switch.
93879. Algemene Kunstzijde Unie N. V. Process for producing a crimped filament yarn, as well as yarn obtained by this process, and textile products containing this yarn.
93880. Egyesult Izzolampa Es Villamosagi Reszvenytarsasag Adocsogara. Method and device for cooling artificial ultrashort-wave aerials.

93881. Aktiebolaget Svenska Flaktfabriken. Housing for centrifugal fans.
93882. Maschinenfabrik Rieter A. G. Improvements relating to automatic textile carding plant. (31st March 1964).
93883. Norsk Tekstilforskningsinstitutt. Method for setting protein and cellulose fibers.
93884. Gero Metallurgical Corporation. Vacuum degassing of gas-containing molten metal.
93885. Vsesojuzny Nauchno-Issledovatel'sky Institut Novih Stroitel'nyh Materialov. Process for production of alkyd resins.
93886. Gosudarstvenny Nauchno-Issledovatel'sky Institut Organicheskikh Poproductov I Krasitelei. Method of manufacture of transparent yellow azo pigment.
93887. Belorussky Avtomobil'ny Zavod. Gearbox.
93888. Veb Optima Buromaschinenwerk Erfurt. Retention-type tabulating mechanism at hand or power-driven typewriters and similar office machines.
93889. Veb Optima Buromaschinenwerk Erfurt. Paper-feeding device at typewriters or similar office machines.
93890. Ziv. Ing. W. Depmer. Process and device for continuous fermenting of tea leaves.
93891. Ministerul Industriei Petrolului Si Chimiei. Dehydrogenisation catalyst for hydrocarbons and process for its preparing.
93892. Reifenhauer K. G. Arrangement for continuous production of hollow bodies. [Addition to No. 90445].
93893. K. V. Ranganathan. A process for increasing the production and quality of common salt produced from sea brine.

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93894. Monsanto Company. Metal quenching process and composition.
93895. V. J. Jirafe. An improved quality of handloom cloth for use as an agricultural accessory.
93896. Vickers-Armstrongs (Engineers) Limited. Improvements in or relating to air cushion borne vehicles. (24th May 1963). [Addition to No. 84102].
93897. Ciba of India Limited. Process for the manufacture of new diazacycloalkanes.
93898. G. D. Miller. Carrier for a lubricator device. [Divisional date 26th November 1962].
93899. Uddeholms Aktiebolag, and Wilkinson Sword Limited. Improvements in a method of heat treating high-carbon corrosion resistant steels.
93900. Alkaline Batteries Limited. Improvements relating to electric storage batteries. (22nd May 1963).
93901. Abbott Laboratories. Improvements in sweetening agent.
93902. Abbott Laboratories. Improvements in sweetening agent.
93903. Drott Manufacturing Corporation. Grapple construction.
93904. International Mac Gregor Organization (I.M.G.O.). Improvements in or relating to methods of controlling the positive winding and unwinding of a flexible sheet of metal or other material, and closing device deriving therefrom.
93905. H. Holloway. Improvements in shock attenuating devices.
93906. V. Kumar and M. Kumar. Water flow modulator.
93907. P. J. Udani. Improvements in or relating to manufacture of roofing sheets, hard boards and insulation boards.
93908. Dr. S. R. Palamand. An improved stopper for vacuum flasks.

#### Alteration of date

79392. Post-dated to 19th September 1962 under Section 5 of the Act.

81140. Post-dated to 3rd December 1963 under Section 5 of the Act.
84028. The claim to priority date 8th September 1961 has been abandoned and the application dated as of 6th September 1962, the date of filing in India.
84505. The claim to priority date 19th October 1961 has been disallowed and the application dated as of 11th October 1962, the date of filing in India.
85408. The claim to priority date 23rd December 1961 has been disallowed and the application dated as of 1st December 1962, the date of filing in India.
91076. Ante-dated to 21st November 1962 under Section 5 of the Act.
93026. Ante-dated to 31st August 1962 under Section 5 of the Act.
93395. Ante-dated to 16th August 1962 under Section 5 of the Act.

#### Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of this Gazette of India give Notice to the Patents Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933 of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

79392. R. K. Limaye. A portable spinning cum carding and slivering machine. Accepted on 20th May 1964.

*Has, in combination, a power transmitting assembly comprising pulleys and belts characterized by collapsible pulley block and top-roller holding block.*

81140. Preparation Industrielle Des Combustibles. Improvements relating to D.C. coil. Accepted on 19th May 1964.

*Wherein D.C. coil is wound on central circular tube which is welded to two side plates placed within ferrule and the whole assembly is impregnated with resin.*

83694. R. S. Thapar and Gayatri Devi Thapar. A pulse detector device for investigating the cardiac activities. Accepted on 14th May 1964.

*Comprises an adjustable member for mounting the microphone, said member being attached slidably on a rod.*

83748. A. L. Juvekar. Mercury switch (thermal). Accepted on 16th May 1964.

*Comprises a non-metallic container partly filled with liquid mercury and suitable electrodes inserted in it, the arrangements being such that mercury expands in the container due to heat so as to touch an electrode at a required temperature.*

83768. K. R. S. Nair. Reading stand. Accepted on 18th May 1964.

*Consists of two wooden platforms, the upper one is hinged at its base to the lower one, and are linked by means of adjustable support.*

83769. K. R. S. Nair. Reading stand. Accepted on 18th May 1964.

*Consists of two wooden platforms, the upper platform is linked to the lower one by means of telescopic arrangements.*

83788. Sperry Rand Corporation. Computer with error recovery. Accepted on 20th May 1964.  
*Comprising a counter, means for adding a value to the counter when an error occurs, and means for indicating that the computer is incapable of functioning properly.*
83793. Kaiser Aluminium & Chemical Corporation. Method of recovering lithium from spent carbonaceous cell linings. Accepted on 20th May 1964.  
*By treating the carbonaceous cell lining with an alkaline material producing black mud which is then treated with lime and then with a fluoride materials to precipitate lithium fluoride.*
83814. Ethicon, Inc. Sporicidal compositions. Accepted on 21st May 1964.  
*Comprising a saturated dialdehyde or their mono-sulfur acid adducts and an alkalinizing agent.*
83853. Linen Industry Research Association. Process and apparatus for treating textile filaments. (26th August 1961). Accepted on 19th May 1964.  
*Includes the step of variably modifying the filaments or fibres so that the modification is retained pending further treatment, the modification being such that filaments are capable of variable shrinkage, retention of dyestuff or crease-resistance.*
83899. Asahi Kasei Kogyo Kabushiki Kaisha. Apparatus for continuous transfer of ion exchange resin and method for ion exchange. Accepted on 19th May 1964.  
*Comprises upwardly passing a solution in a vessel which contains ion exchange resin to divide the resin into upper and lower separate layers, the upper layer being reactive and under ion exchange and the other being wasted or exhausted resin.*
83949. International Polaroid Corporation. Method and system for producing and viewing images. Accepted on 19th May 1964.  
*Comprising means for presenting separate left and right eye image components and discriminating filters means.*
84006. The Lummus Company. Separation of gases. Accepted on 21st May 1964.  
*Comprises liquefaction of the heavier fraction in a recuperative heat exchange and liquefaction system.*
84013. Coal Industry (Patents) Limited. Improvements in or relating to smokeless briquettes. Accepted on 19th May 1964.  
*Non-coking coal in comminuted form being formed into a char by being heated rapidly under uniform heating conditions so as to remove a part of the volatile content and the resultant char being briquetted while still hot.*
84028. May & Baker Limited. Herbicidal compositions. Accepted on 22nd May 1964.  
*Comprising atleast one sulphonyl carbamic ester in association with a diluent.*
84184. Pittsburgh Plate Glass Company. Method and apparatus for supporting glass sheets. Accepted on 19th May 1964.  
*Directing gases under pressure against the bottom major surface of the glass sheet from a bed with gas-emitting outlets, exhausting gases at outlets adjacent the gas-emitting outlets and exhausting gases from exhaust outlets intermediate adjacent gas-emitting outlet at a sufficient rate.*
84190. Pittsburgh Plate Glass Company. Method and apparatus for heating glass sheets. Accepted on 22nd May 1964.  
*Comprises supporting a glass sheet while conveying, heating the sheet to a temperature below which mechanical impairment of glass would result from said support and thereafter partially glass sheet while heating.*
84382. Ganz-Mavag Mozdony-, Vagon- Es Gepgyar. Speed regulator for turbines. Accepted on 20th May 1964.  
*Wherein fly weights are connected to slider by means of flexible band through unshiftably supported roll.*
84395. Imperial Chemical Industries Limited. Process of coating solid particles with polymeric material and products thereof. (4th October 1961). Accepted on 21st May 1964.  
*Coating pigments with organic polymeric material by dispersing them in a liquid containing in solution a block or graft-copolymer comprising components of different degrees of polarity.*
84505. M. C. Tort. Process and device for the treatment of yarns in hanks. Accepted on 21st May 1964.  
*Comprises forming hanks in the form of a ribbon having links comprising pairs of material holders joined by the hanks, winding ribbon on beams and then passing through a bath circuit.*
84852. J. R. Geigy A.-G. Process for stabilizing organic polymers, hydrocarbons and mineral oil and compositions stabilized thereby. Accepted on 18th May 1964.  
*Comprises incorporating a stabilizer compound in organic polymers, hydrocarbons and mineral oil.*
84921. Imperial Chemical Industries Limited. Improvements in or relating to plastic films. (8th November 1961). Accepted on 22nd May 1964.  
*Thermoplastic film having coated upon its surface finely divided particles of polymethyl methacrylate.*
85102. Johnson & Johnson. Bandage. Accepted on 13th May 1964.  
*Comprises a loose-weave fabric with first adhesive intermittently spaced on the fabric and a second adhesive compatible with the first adhesive.*
85159. Sperry Rand Corporation. Apparatus for converting fluid pressure into mechanical motion. Accepted on 19th May 1964.  
*Piston fits loosely in the cylinder and that it contains at least one circumferential groove with a side wall exposed to the dynamic force of fluid.*
85165. Johnson & Johnson. Tacky and pressure-sensitive adhesive tape and a method of producing said tape. Accepted on 16th May 1964.  
*Comprising a thin flexible backing and a normally tacky and pressure sensitive adhesive coating applied on at least one major surface of said backing.*
85170. D. S. Naidu. Process of briquetting calcium carbide fines/dust for preserving and utilising their available carbide contents. Accepted on 18th May 1964.  
*Compacting the fines using an organic binder having no chemical action on the carbide.*
85175. J. R. Geigy A.-G. Improvements in and relating to the manufacture of 2-mercapto-4, 6-bis-amino-s-triazine. Accepted on 18th May 1964.  
*Reacting 2-halogeno-4, 6-bis-amino-s-triazine with thiourea and saponifying the product in alkaline medium.*
85180. Societe D'Electro-Chimie, D'Electro-Metallurgie Et Des Acieries Electriques D'Ugine. Process for the manufacture of trihydrate of alumina. (4th May 1962). Accepted on 18th May 1964.  
*Adding seed crystals of alumina trihydrate, to soda aluminate solution of size smaller than final product and stirring to agglomerate crystals.*

85199. Sperry Rand Corporation. Logic circuit. Accepted on 18th May 1964.

*Characterised in that a semi-conducting charge storage device having a variable impedance is connected between input means and diode.*

85201. Beloit Corporation. Dryer construction. Accepted on 19th May 1964.

*A cylindrical shell of uniform thickness, head at the ends of the shell having means for rotatably supporting the drum, means for delivering heat energy to the shell interior, annular ribs on the inner surface of the shell between the ends and axial ribs on the inner surface of the shell at the ends.*

85218. Westland Aircraft Limited. Improvements in or relating to ground effect machines. (21st November 1961). Accepted on 20th May 1964.

*Comprises a main gas discharge system and downwardly extending wall or keel means, parts of walls or skirting being of flexible construction.*

85234. Union Carbide Corporation. Polyurethanes and methods for their production. Accepted on 21st May 1964.

*By reacting together a film-forming polymer, a reactive solvent for said polymer and a polyfunctional isocyanate.*

85246. Esso Research and Engineering Company. Separation process and apparatus therefor. Accepted on 19th May 1964.

*A method of controlling the position of an interface between two immiscible materials in a centrifuge separation chamber by recycling the more dense liquid around said chamber in a closed passage.*

85265. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Process for the production of urea. Accepted on 19th May 1964.

*Characterised in that anhydrous molten urea is mixed with ammonia and then subjected to an ammoniation treatment.*

85283. Argus Chemical Corporation. Process for the production of organic phosphites and synthetic resin compositions containing the same. Accepted on 19th May 1964.

*By transesterification of an aryl or alkyl phosphate with a polyhydric phenol, whereby the alkyl or aryl radicals of the phosphite are replaced by phenolic radicals.*

85297. Rohm & Haas Company. Preparation of cross-linked cellulose products. Accepted on 18th May 1964.

*Extruding solution containing modified cellulosic compound into a coagulating bath, regenerating the cellulose, stretching regenerated product in longitudinal direction and heating the stretched product in presence of acidic catalyst.*

85327. Universal-Mation Corporation. A propulsion device of the walker type for heavy equipment. Accepted on 19th May 1964.

*Wherein a tread at the side of and extending longitudinally of platform is connected through a pair of links to eccentric drives mounted on a pair of drive shafts on the platform.*

85328. Real Patentauswertungs Anstalt. Process and equipment for the very rapid manufacturing of points for ball pens from a metal sheet. Accepted on 19th May 1964.

*Ball pen points being obtained by stamping cup shape drawing or extrusion effected in successive phases starting from a metal sheet.*

85372. Shell Internationale Research Maatschappij N. V. Compositions having nematocidal properties. Accepted on 18th May 1964.

*Comprising 2, 4-dihalogenophenylalkylsulphonate and a carrier.*

85377. Sperry Rand Corporation. Logic system. Accepted on 18th May 1964.

*Characterised by a tunnel diode, input, and output means connected to diode, pulse applying means, and means for resetting the tunnel diode.*

85381. Monsanto Company, formerly known as Monsanto Chemical Company. Thermo-chemical joining of nylon yarns. Accepted on 19th May 1964.

*Coating yarns with multi-hydroxy benzene bonding agent and then heating.*

85383. AMI Incorporated. Breech assembly. Accepted on 19th May 1964.

*Breech member for receiving a cartridge case containing the charge, a cap for releasable attachment to the breech member to close the breech and means piercing the cartridge case when the cap is attached to the breech member.*

85402. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Olefin copolymers, process for preparing them, and elastomers, films, pipes and like articles comprises thereof. Accepted on 18th May 1964.

*Copolymerising conjugated diolefin with ethylene and/or  $\alpha$ -olefin in presence of a catalyst prepared by reacting a soluble vanadium compound and an organic aluminium compound.*

85408. Telefonaktiebolaget L. M. Ericsson. Terminal block arrangement. Accepted on 18th May 1964.

*Characterised by the fact that wire conductors are formed as suitably rectangular plates having parallel grooves or ducts, each grooves having a first end and a second end which opens into other.*

85411. Power Jets (Research & Development) Limited. Improvements in aircraft, particularly helicopters. (12th December 1961). Accepted on 19th May 1964.

*Comprises lengthwise extending aperture in fuselage surface within the rotor downwash flow to discharge thin layer of fluid stream over fuselage to give rise to a lift force.*

85412. Imperial Chemical Industries Limited. Process for drawing and crimping yarn. Accepted on 22nd May 1964.

*Comprises drawing the filaments between feed and draw rolls, introducing tension gradient and localizing the draw zone with a heated snubbing pin, heating and stretching the filament and passing the filament through draw rolls.*

85421. Auto-Combustions (London) Limited. Liquid fuel burning apparatus. (1st January 1962). Accepted on 20th May 1964.

*Wherein compressed fuel is heated, under pressure, then released through an orifice to reduce pressure and vaporise fuel and heated again to convert fuel into dry gas.*

85436. Rotaflex (Great Britain) Limited. Improvements in sheet material and lampshades, diffusers and the like. (19th March 1962). Accepted on 21st May 1964.

*Comprises two layers being secured together face to face with the individual filaments of the second layer oriented angularly relatively to the individual filaments of the first layer; at least one of the said filaments of at least one of the layers being transparent or translucent.*

85475. S. K. Karanjia. Improvements in or relating to toothbrushes. Accepted on 19th May 1964.

*The bristles of the toothbrush are moulded in one piece with its bristle head in a single operation.*

85511. Ethicon, Inc. Surgical dispenser. Accepted on 21st May 1964.

*Comprises a cylindrical reel, a centrally located cylindrical boss for insertion into bore of the reel, so that the dispenser may be held in the palm of one hand and ligature drawn out by pulling.*

85538. Union Carbide Corporation. A process for the preparation of thermoplastic materials free from visual fish-eyes and gel particles. Accepted on 22nd May 1964.

*Wherein gel containing thermoplastic material in molten state is forced through capillaries of a microporous metallic bed.*

85572. N. V. Philips' Gloeilampenfabrieken. Improvements in and relating to printed electric switches. Accepted on 20th May 1964.

*Upper surface of the contact face consists of nickel, the nickel being consisting of thin layer of mat nickel of a thickness of about 1 to 10  $\mu$  on a substratum of bright nickel.*

85578. Hitachi Ltd. Transformer cores. Accepted on 20th May 1964.

*Includes a lamination of core units each comprised of rectangular leg and yoke sections of ordinarily unidirectional silicon sheet and rectangular joint sections of bidirectional silicon sheet.*

85634. Vokes Limited. Improvements in controls for pneumatic feed systems. (1st January 1962). Accepted on 20th May 1964.

*Comprises preselector to select second discharger while first discharger is being fed.*

85663. International Business Machines Corporation. Improved type-writer having a moveable print head. Accepted on 21st May 1964.

*Having a print head with lower case and upper case characters, the head being controllable by a first key to select one of the case areas and by a second key to select character and movement of head by keys being further controlled.*

85699. Jay Engineering Works Ltd. Improvements in or relating to electric fans and more particularly to table fans. Accepted on 21st May 1964.

*A heater unit for use in a table or pedestal fan comprises a rear portion mounted on a front portion, said front portion having disposed therein a set of element holders holding a heating coil.*

85710. Shell Internationale Research Maatschappij N. V. Reaction vessel with a metal shell internally lined with bricks. Accepted on 19th May 1964.

*Comprising a metal shell lined with bricks and having layers of insulating materials in between them being characterised in that the facing bricks being supported by at least one ring of inwardly and upwardly directed support bricks.*

85719. Grinnell Corporation. Textile machinery cleaning apparatus and method. Accepted on 19th May 1964.

*Preventing upward air current toward the lint producing area, simultaneously arresting the downward movement of lint and dust in that area, pushing them across the said area to a border location and removing lint and dust from that location.*

85735. F. Celorio. Mixing and dough processing unit and device therefor. Accepted on 19th May 1964.

*Comprising a load hopper with distributing and mixing blades, means for feeding dough to adjacent chamber under pressure through an adjustable means subjected to rectilinear motion, the said chamber having discharge means.*

85758. R. K. Gupta and Delton Cable Company. Improvements in or relating to retractable cords for electric power and communication equipment. Accepted on 19th May 1964.

*Has a core of PVC insulated conductors and a PVC outer jacket.*

85810. Toyama Kagaku Kogyo Kabushiki Kaisha. Preparation of cyanuric chloride. Accepted on 19th May 1964.

*Wherein the catalyst consists of halides of metals selected from the group consisting of Groups I and II of Mendelyev chart and aluminium chloride and/or ferric chloride.*

85836. La Telemecanique Electrique. Automatic control switchboard assembly. Accepted on 20th May 1964.

*Comprises a panel, a plurality of pluggable circuit units including input, output, control and checking terminal means and electronic switching means interconnected in logical circuits and has an insulating cover plate removably overlying said units and is formed with perforations for checking said units.*

85839. Preparation Industrielle Des Combustibles. Improvements in or relating to belt conveying device. Accepted on 22nd May 1964.

*Conveyor belt being provided with fillets across its width at regular intervals, the conveyor belt bearing upon a flat belt in the ascending or descending vertical portion passes over direction changing drums while undergoing a change of direction on the fillet side less than 180° during its course of travel.*

85883. Fichtel & Sachs A. G. Operating arrangement for clutches, especially for motor vehicles. Accepted on 21st May 1964.

*Consists of a plurality of parts rotatable in relation to one another, of which one is provided with rising surfaces arranged in sunken or raised fashion.*

85912. N. V. Philips Gloeilampenfabrieken. Improvements in and relating to apparatus for maintaining the constant tension of a wire between a supply reel and a non-circular body to be provided with the wire windings during the winding operation. Accepted on 20th May 1964.

*Control member is operable to obstruct the passage of a medium from a source towards a braking device for the supply reel in accordance with the conditions of rotation of the non-circular body, that portion of the medium that passes to the braking device furnishing the braking force required for keeping the tension.*

85983. Corhart Refractories Company. Refractory arch furnace roof. Accepted on 20th May 1964.

*Series of brick rows in arch from fixed between skew-bricks supported from overhead structure, with limited upward and downward movement, attached to every fifty brick.*

85987. H. R. Protat called P. d'Hauteville. Sun furnace. Accepted on 21st May 1964.

*Comprising horizontal wide frame with swivelable panels side by side on hinges, above ground, convergent lenses within surmounted wire netting and thereabove elongated slanted mirrors orientated in north-south direction.*

85993. The Goodyear Tire & Rubber Company. Improvements in tire building drum. Accepted on 19th May 1964.

*Supporting means defining a substantially cylindrical surface and a cover sleeve of elastomeric material embracing said cylindrical surface and engaged in position by a plurality of locking mechanisms.*

86002. Laporte Chemicals Limited. Improvements in or relating to peroxy compounds. (12th January 1962). Accepted on 19th May 1964.

*Comprises reacting hexylene glycol with an acyl or aroyl halide or an alkylating agent and then reacting the product, in the presence of strong acid with either hydrogen peroxide or an alkyl hydroperoxide.*

86067. Imperial Chemical Industries Limited. Production of tetrafluoroethylene. (24th January 1962). Accepted on 22nd May 1964.

*Passing a mixture of monochlorodifluoromethane and from 3 to 19 moles of steam per mole thereof through a zone and quenching the mixture.*

86166. Hermorion Limited. Device for performing operations, such as printing or stamping on a continuously or intermittently fed material web. Accepted on 21st May 1964.

*Characterized in that a second revolving roll parallel to the first roll and provided with requisite tools is arranged to engage with the web in dependence of a locking device.*

86284. Sperry Rand Corporation. Constant energy pulse generator. Accepted on 16th May 1964.

*Characterized by normally off electronic switch, means controlling source of electrical energy.*

86381. Midco Private Limited. Improvements in or relating to folding chairs. Accepted on 18th May 1964.

*Characterised in that in said chair is provided with a tiltable back rest which is mounted on pivots, so that the said arm is capable of offering greater travel.*

86556. Eduard Kusters Maschinenfabrik. Heat treatment chambers for textile materials subjected to impregnation. Accepted on 22nd May 1964.

*Comprises a funnel-shaped inlet for the material accomodating the impregnating liquor and forming a seal against the material web and tubular steam spraying elements.*

86591. Ingersoll-Rand Company. Rotary impact tools. Accepted on 19th May 1964.

*A torsion spring having one end non-rotatably connected to the rotary anvil of the tool and adapted to have its other end connected to a workpiece.*

86677. Dunlop Rubber Company Limited. Synthetic fibre felt. (9th March 1962). Accepted on 22nd March 1964.

*Mat of substantially aligned crimped continuous man made fibres, said mat having been needled with barbed needles.*

86698. Commissariat A L'Energie Atomique. Process for the preparation of iron-aluminium alloys and alloys obtained by said process. Accepted on 19th May 1964.

*The process for the preparation of an at least binary iron-aluminium alloy comprises by melting a proportionate quantity of iron, by addition of the other constituents of the alloy, by casting above the solidification temperature of the alloy and by solidification and cooling of the alloy in the form of an ingot and by destruction of the casting temperature by hot states mechanical working and deformation.*

86771. Stauffer Chemical Company. Dithiophosphoric esters and a method of preparing them. Accepted on 16th May 1964.

*Comprises reacting an O, O-dialkyl-S-halo-methyl phosphorodithioate with 2-mercaptoacetamide.*

86877. Sandoz Ltd. Water-soluble reactive dyes of the phthalocyanine series, and colouring, printing, padding or dyeing therewith. Accepted on 20th May 1964.

*Comprises reacting simultaneously or in any desired order, 1 mole of the chloride of a phthalocyanine-di-, -tri, or tetra sulfonic acid or a mixture of such chlorides with at least 1 mole of a diamine and then with water and/or ammonia and/or a primary or secondary amine and condensing the reaction products with compound condensible with primary or secondary amine with group.*

87010. Farbenfabriken Bayer Aktiengesellschaft. A process for the production of self-crosslinking polymers. (28th January 1963). Accepted on 20th May 1964.

*By polymerising an N-methylolamide of an  $\alpha$ : $\beta$ -olefinically unsaturated carboxylic acid in which the methylol groups are acylated alone or in admixture with other olefinically unsaturated monomers.*

87048. Hovercraft Development Limited. Improvements relating to vehicles for travelling over a surface. (27th March 1962). Accepted on 20th May 1964.

*Cushion is bounded for at least part of its periphery by a wall which comprises a plurality of separate downwardly projecting flexible members, each member comprises an outer cushion bounding portion which is constrained to resist outward deflection.*

87069. Badische Anilin & Soda-Fabrik Aktiengesellschaft. Dyeing and/or printing of textile materials and preparations therefor. Accepted on 19th May 1964.

*Dyeing or printing textiles with a dyeing composition comprising an uncoloured polyfunctional compound, an alkaline reacting agent and a reactive dye.*

87128. Rogers Corporation. Reinforced porous and permeable sheet material and method of making same. Accepted on 16th May 1964.

*Composite sheet comprising a permeable flexible core sheet having a microporous permeable layer of sintered resin bounded on each side thereof.*

87177. Allied Chemical Corporation. Flexible polyurethane structures. Accepted on 21st May 1964.

*By reacting together a polyfunctional polyol, an organic polyisocyanate and water.*

87259. Pilkington Brothers Limited. Improvements in or relating to the manufacture of flat glass. (3rd April 1962). Accepted on 19th May 1964.

*Characterized by metering the rate of feeding glass and progressively retarding the lateral flow by increasing the viscosity of the layer.*

87290. Chemische Werke Witten Gesellschaft Mit Beschränkter Haftung. Process for the production of aryl esters of carbocyclic, aromatic carboxylic acids. Accepted on 19th May 1964.

*Heating methyl esters above 160° with phenol and/or phenols and/or naphthols substituted by at least one alkyl and/or aralkyl groups and removing continuously MeOH.*

87292. Chemische Werke Witten Gesellschaft Mit Beschränkter Haftung. Process for the production of ester amides of carbocyclic, aromatic dicarboxylic acids. Accepted on 19th May 1964.

*Reacting methyl aryl esters of the carbocyclic, aromatic dicarboxylic acids with  $NH_3$  or primary or secondary monoamines or diamines.*

87330. Ciba Limited. New anthraquinone dyestuffs and process for their manufacture. Accepted on 18th May 1964.

*Condensation product of 1-amino-8-halogenanthraquinone with cyanuric chloride is reacted with ammonia.*

87543. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Formaldehyde ketene copolymers and shaped articles made thereof. (25th April 1962). Accepted on 18th May 1964.

*Reacting anhydrous formaldehyde with a ketene.*



87602. Aktiebolaget Bofors. Powder charge as ammunition for firearms, rockets and the like. Accepted on 19th May 1964.

*Characterised in that the individual elements in the charge are provided with through holes, so that on ignition the elements get separated from each other.*

87641. S. G. Poddar. Soap boxes. Accepted on 19th May 1964.

*Comprising a soap tray having a base with openings and also having walls on three sides, the wall on the fourth side has an open mounted slot and a cover for slipping on the tray from the slotted wall side.*

87930. Escherwyss Aktiengesellschaft. Push-type centrifuge. Accepted on 20th May 1964.

*Centrifugal drum having screen holes and pusher plate axially reciprocable relative to the centrifugal drum.*

88012. Ciba Limited. Anthraquinone vat dyestuffs of the phthaloylacridone series and processes for their manufacture. Accepted on 19th May 1964.

*Condensing 1 mol of cyanuric chloride with 2 mols of a 2-amino-3, 4-phthaloylacridone and one mole of a hydroxy benzene.*

88105. Brown, Boveri & Company Limited. Fuel cell. Accepted on 20th May 1964.

*Methanol is converted at a catalyst electrode in alkaline electrolyte, the catalyst being a finely divided form of one or more of the elements of the platinum group.*

88407. F. L. Smidth & Co. A/S. Improvements in heat exchangers. (14th June 1962). Accepted on 16th May 1964.

*Comprises a riser pipe for the upward flow of hot gas, which is connected at its upper end through a separating chamber to a dust collector.*

88414. Imperial Chemical Industries Limited. Improvements in and relating to the manufacture of halogenated hydrocarbons. (15th June 1962). Accepted on 22nd May 1964.

*Contacting gaseous mixture comprising an olefine, a hydrogen halide and a source of elemental oxygen with a supported catalyst comprised of a compound of platinum group metal.*

88732. Standard Telephones and Cables Limited. Electric cables. (30th July 1962). Accepted on 19th May 1964.

*The cable includes a metal tube having corrugations which cross one another.*

88911. The Standard Oil Company. Improvements in or relating to catalysts and the treatment of hydrocarbons therewith. (29th May 1963). Accepted on 16th May 1964.

*Contacting oxygen and monoolefin containing at least four non-quarternary atoms in the molecule in vapour phase with a catalyst consisting essentially of oxides of antimony and iron, the Sb:Fe atomic ratio being from 1:50 to 99:1.*

88939. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to devices for producing a current. Accepted on 21st May 1964.

*Current conductors are connected to two different points of a plate of superconductive material and means are provided for causing an area of normally conducting material where a magnetic flux passes through the plate to move repeatedly between the two junction points of the plate.*

89203. North Western Gas Board. Improvements relating to the manufacture of catalysts and their use in the process for reforming hydrocarbons. (13th August 1962). Accepted on 16th May 1964.

*Impregnating natural or artificial clays with soluble salts or complexes of metals in aqueous solution, drying the clay and calcining at 600°—1,000°C.*

89254. Imperial Chemical Industries Limited. Rigid thermoplastic structures (15th August 1962). Accepted on 22nd May 1964.

*Forming a shaped structure comprising thermoplastic material and a blowing agent, exposing the structure to an alternating high frequency electric field and cooling the expanded structure.*

89828. Shell Internationale Research Maatschappij N. V. A process for the preparation of concentrated aqueous dispersions of macromolecular substances. Accepted on 16th May 1964.

*Comprising one or more macromolecular substances, sufficient amount of, one or more water soluble emulsifiers and water.*

91076. Union Carbide Corporation. Solution for forming polyurethanes. [Divisional dated 21st November 1962]. Accepted on 21st May 1964.

*Comprising a film forming a polymer and a reactive solvent for said polymer.*

93026. International Polaroid Corporation. Method and apparatus for presenting a composite multi-colour image. [Divisional date 21st August 1962]. Accepted on 19th May 1964.

*Comprising means for presenting one image component as a monochromatic image together with a selective viewing filter.*

93395. "Shell" Research Limited. Improved lubricating oil compositions. [Addition to No. 83726]. Accepted on 16th May 1964.

*Comprising a lubricating oil, a succinimide and an alkylated bisphenol.*

#### Correction of Clerical Errors

Under Section 62 of the Indian Patents and Designs Act, 1911, certain clerical errors occurring in the drawings of application for patent No. 84187 were corrected on the 18th May, 1964.

#### Patents Sealed

80058.	80142.	80146.	80262.	80404.	80421.	80458.
80495.	80502.	80515.	80654.	80989.	81257.	81328.
81343.	81381.	81414.	81419.	81444.	81447.	81449.
81484.	81506.	81532.	81584.	81596.	81601.	81638.
81722.	81748.	81754.	81755.	81774.	81784.	81800.
81815.	81820.	81829.	81833.	81843.	81875.	81905.
81920.	81941.	81969.	81977.	82052.	82082.	82113.
82144.	82151.	82173.	82267.	82339.	82342.	82390.
82493.	82589.	82591.	82603.	82679.	82680.	82702.
82802.	82835.	82947.	82962.	83051.	83052.	83100.
83101.	83102.	83164.	83360.	83362.	83398.	83399.
83553.	83588.	83660.	83690.	83692.	83719.	83724.
83752.	83753.	83778.	83799.	83800.	83801.	83803.
83805.	83817.	83852.	83903.	84010.	84084.	84319.
84433.	84435.	88387.				

#### Amendment Proceedings

(1)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911, that Metal & Thermit Corporation, a corporation organized and existing under the laws of the State of New Jersey, having their general offices at Woodbridge, County of Middlesex, State of New Jersey, United States of America, seek leave to amend the name, nationality and address of the Applicant in the application and specification in respect of Patent application No. 80860. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.



(2)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911, that Monsanto Chemical Company now renamed Monsanto Company, of 800 North Lindbergh Boulevard, St. Louis, Missouri, United States of America, Producers and Manufacturers of Chemical Products, a corporation organized and existing under the laws of the State of Delaware, United States of America, seek leave to amend the name of the applicants in the application, specification and drawings in respect of Patent application No. 81610. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(3)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911, that Tokheim International AG, a Swiss Company, of Kapellgasse 19, Lucerne, Switzerland, seek leave to amend the name, nationality and address of the applicant in the application, specification and drawings in respect of Patent application No. 82471. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(4)

The amendment proposed by Shell Internationale Research Maatschappij N. V. in respect of Patent Application No. 80005 as advertised in the Gazette of India, Part III, Section 2, dated the 8th February 1964, has been allowed.

#### Registration of Assignments, Licences, etc.

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests :—

42471 — Indian Cathodic Protection Company Private Limited.

48393 — Ranney International S. A.

61484 }  
65231 } National Research Development Corporation of  
77225 } India.

66348 — Tokheim Corporation.

71275 — Nestle's Products Limited.

72167 — American Sugar Company.

73056 — The Gwalior Rayon Silk Mfg. (Wvg.) Co. Ltd.

76624 — Imodeo International Limited.

77258 — Endre Kranauer,  
Antal Bodar,  
Francis Joseph Philips,  
Jerry Cohen and  
Eric Stimar.

78245 — The Nash Engineering Company.

#### Renewal Fees Paid

41506. 41539. 41592. 41662. 42782. 43268. 43278.  
43301. 43310. 43334. 43448. 43455. 43649. 45083.  
45334. 45342. 45406. 45407. 45429. 45447. 45454.  
45522. 45630. 45746. 45747. 45771. 47397. 47718.  
47875. 47923. 47939. 49596. 49688. 49711. 49754.  
49755. 49787. 49835. 49871. 49901. 50100. 50124.  
50572. 51694. 51852. 51958. 51991. 52054. 52067.  
52073. 52086. 52094. 52125. 52136. 52165. 52176.  
52191. 52230. 52242. 52299. 52429. 52532. 52759.  
52760. 53516. 53942. 54626. 54627. 54647. 54652.

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54734. 54744. 54765. 54786. 54787. 54804. 54859.  
54964. 54967. 54978. 54979. 54980. 55002. 55020.  
55021. 55022. 55023. 55064. 55066. 55067. 55138.  
55256. 55319. 55395. 55580. 55673. 55748. 57345.  
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57611. 57615. 57619. 57621. 57629. 57631. 57638.  
57646. 57649. 57671. 57672. 57677. 57683. 57722.  
57729. 57734. 57771. 57806. 57921. 57963. 57977.  
58030. 58111. 58222. 58259. 58350. 58618. 58799.  
60143. 60258. 60558. 60640. 60641. 60701. 60779.  
60791. 60801. 60833. 60854. 60907. 61242. 61277.  
61460. 61589. 61601. 61606. 61690. 61740. 62542.  
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64255. 64265. 64278. 64279. 64289. 64313. 64316.  
64333. 64343. 64362. 64409. 64412. 64422. 64436.  
64450. 64451. 64473. 64503. 64546. 64547. 64670.  
64791. 64792. 64796. 64862. 64940. 65011. 65095.  
65096. 65350. 65521. 65529. 67379. 67400. 67457.  
67656. 67657. 67711. 67712. 67713. 67754. 67877.  
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68182. 68203. 68209. 68225. 68344. 68453. 68610.  
68615. 68659. 68660. 68661. 68677. 68714. 68721.  
68722. 68744. 68778. 68826. 68889. 69111. 69293.  
69307. 69308. 70365. 70718. 71822. 71297. 71298.  
71390. 71402. 71662. 71902. 71957. 71961. 71974.  
72009. 72022. 72041. 72055. 72056. 72057. 72072.  
72094. 72120. 72123. 72127. 72129. 82154. 82155.  
72176. 72184. 72185. 72186. 72190. 72192. 72207.  
72210. 72212. 72216. 72234. 72237. 72250. 72254.  
72255. 72257. 72284. 72286. 72287. 72298. 72304.  
72315. 72334. 72348. 72349. 72350. 72351. 72355.  
72356. 72365. 72366. 72367. 72368. 72371. 72380.  
72383. 72394. 72395. 72402. 72425. 72465. 72506.  
72532. 72572. 72622. 72624. 72693. 72734. 72755.  
72767. 72768. 72769. 72771. 72908. 72959. 73042.  
73088. 73089. 73090. 73152. 73187. 73343. 76250.  
76934. 77151. 77440. 78606. 79139. 79326. 80764.

#### Cessation of Patents

44494. 46591. 48828. 51102. 53634. 56352. 56378.  
58879. 59455. 59466. 59480. 62882. 62885. 62887.  
62909. 66465. 66476. 66508. 66515. 66535. 70440.  
70454. 70458. 70463. 70466. 70475. 70476. 70504.  
70505. 70506. 70511. 70513. 70520. 70521.

#### Restoration Proceedings

An order has been made on the 4th May 1964, restoring the patent No. 66959 dated as of the 7th March 1959, granted to Haji Abdul Hamid for "a process for enzymatic hydrolysis of animal proteins".

#### Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including in the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. No. 119946. Sarswatiben Shivprasad Thaker, India House No. 3/13, Kemp's Corner, Pedder Road, Bombay-26 (Maharashtra), "A pin to be attached to the wearing apparel at the shoulder", October 29, 1963.

Class 1. Nos. 120103 and 120104. Jag Sanjiv Chander Manchanda and Krishan Lal Chawla, Indian, 8710, Roshanara Road, Delhi-6, "Door handles", November 5, 1963.

Class 1. No. 120105. Jag Sanjiv Chander Manchanda and Krishan Lal Chawla, Indian, 8710, Roshanara Road, Delhi-6, "Hasp", November 5, 1963.

- Class 1. Nos. 120176 and 120177. Dynam Engineering Corporation, an Indian partnership firm, 6 Haudin Road, Bangalore 1, Mysore, "Commutators", November 13, 1963.
- Class 1. Nos. 120178 and 120179. Dynam Engineering Corporation, an Indian partnership firm, 6 Haudin Road, Bangalore 1, Mysore, "Rotors", November 13, 1963.
- Class 1. No. 120324. Navyoug Gupta Industries, (An Indian Partnership Concern), Shop No. 160 Subzimandi, Delhi, "Geometrical box", November, 29, 1963.
- Class J. No. 120491. Bishwa Nath Shukla & Sons, Shukla Street, Kanpur (U.P.), nationality Indian, Partnership concern, "Container", December 16, 1963.
- Class 1. No. 120946. Keki Edulji Modi, An Indian Citizen, George Building Compound, Gala No. 18, Grant Road, Bombay-7, Maharashtra, India, "Soda opener", January 30, 1964.
- Class 1. No. 120965. Madhav Vishnu Shiddhaye and Mrs. Shamala Madhav Shiddhaye, Indian Subjects, Thakoor Wadi, 2nd Floor, Opposite Kirti College, Kashinath Dhuru Road, Off Cadell Road, Dadar (West), Bombay 28, Maharashtra, India, "Shredders", January 31, 1964.
- Class 1. No. 121006. Gyani Mota Singh, 212, Industrial Area, Ludhiana, (Punjab), Indian Subject, "Hacksaw", February 5, 1964.
- Class 1. Nos. 121444 and 121445. Nelson & Company, 62 Sami Pillai Street, Choolai, Madras-7, Indian Partnership Firm, "Tamil type fonts", March 7, 1964.
- Class 3. No. 120233. Sarwatiben Shivprasad Thakkar, Indian National, India House, No. 3/13, Kemps Corner, Peddar Road, Bombay-26, (Maharashtra), "A cigarette holder", November 16, 1963.
- Class 3. No. 120676. Electroplast, an Indian Partnership Company, Bachooali House, Bachooali Road, City of Bombay, State of Maharashtra, India, "Device for supporting matches", January 1, 1964.
- Class 3. No. 120681. Gemrich Industries, Indian Partnership Firm, 91, Mohamedali Road, Bombay-3 (Maharashtra), "Containers", January 3, 1964.
- Class 3. Nos. 120966 to 120970. Robert Henry Abplanalp, a citizen of the United States of America, 10 Hewitt Avenue, Bronxville, Westchester County, New York, United States of America, "Dispenser cap for a pressurized can", January 31, 1964.
- Class 5. No. 119991. Inder Kaur, Indian, T-359, Ahata Kidara, Bara Hindu Rao, Delhi-6, "A carton", October 30, 1963.
- Class 5. No. 119915. Ladla Khan, 6, Kali Shome Street, Calcutta-9, West Bengal, Indian, "Labels", October 21, 1963.
- Class 5. Nos. 120093 and 120094. Madan Gopal Hosiery, a Registered Indian Partnership Firm, 156, Jamunalal Bazaz Street, Calcutta-7, West Bengal, "Label", November 4, 1963.
- Class 5. No. 120147. Pari Chhap Bidi Factory, Beawar (Rajasthan), State of Rajasthan, an Indian partnership firm, "Wrapper", November 11, 1963.
- Class 5. No. 120236. Lucky Biscuit Company, an Indian Partnership Firm, Hajigunj, Patna 8, Bihar State, Indian, "A wrapper", November 18, 1963.
- Class 5. No. 120570. Pfizer Private Ltd., (A Company incorporated under the Indian Companies Act), I.C.I.C.I. Building, 163, Back Bay Reclamation, Bombay-1, (Maharashtra), "Cartons", December 24, 1963.
- Class 5. No. 120746. Jagdish Chander, Indian Nationality, Talkies Road, Ambala City, Punjab, "Wrappers", January 7, 1964.
- Class 5. No. 120779. Krishan Chander (an Indian national), Moti Bazar, Hissar, Punjab State, "Carton", January 17, 1964.
- Class 5. No. 120930. Pradip Hosiery Industries, a Registered Indian Partnership Firm, 7, Gupta Lane, Calcutta, West Bengal, "Wrapper", January 28, 1964.
- Class 5. No. 120931. Suresh Chandra Gupta, an Indian Subject, 13, Gour Laha Street, Calcutta-6, West Bengal, "Carton", January 28, 1964.
- Class 5. Nos. 121439 to 121442. Dutta Agarbathi Co., 11, Tumul Barrack, Panda Para, P.O. & Dist., Jalpaiguri, West Bengal, Indian Co., "Carton", March 7, 1964.
- Class 13. Nos. 121971 to 121985. The Phoenix Mills Limited, an Indian Company, Tulsi Pipe Line Road, Lower Parel, Bombay 13, Maharashtra State, "Textile goods", April 21, 1964.
- Class 13. Nos. 122025 to 122027. The Khatau Makanji Spg. & Wvg. Co. Ltd., Laxmi Building, 6, Ballard Road, Bombay 1, Indian Company, "Textile piecegoods", April 28, 1964.
- Class 13. Nos. 122029 to 122038. The Indian United Mills Ltd., Indu House, Dougall Road, Ballard Estate, Bombay-1, State of Maharashtra, India, a company incorporated in India, "Textile piece goods", April 29, 1964.
- Class 14. No. 122024. The Khatau Makanji Spg. & Wvg. Co. Ltd., Laxmi Building, 6, Ballard Road, Bombay 1, Indian Company, "Textile piecegoods", April 28, 1964.
- Class 14. Nos. 122082 to 122088. Kessoram Industries & Cotton Mills Limited, 42, Garden Reach Road, Calcutta-24, Indian Company, "Textile goods", May 4, 1964.

#### Copyright Extended for a Second Period of Five Years

Design Nos. 98767 and 99317, Class 1.

Design No. 99001, Class 1.

#### Copyright Extended for a Third Period of Five Years

Design No. 99001, Class 1.

#### Cancellation of the Registration of Designs

An application made by Pt. Charanji Lal Bhagwan Dutt and Others, for cancellation of the registration of Design No. 113764 in the name of Ghansham Dass and Nemi Chand trading as Narnaulia Machinery Stores which was notified in Part III, Section 2 of the Gazette of India, dated 18th August 1962, the registration of the said design has been cancelled.

A. JOGARAO

Controller General of Patents,  
Designs and Trade Marks.